SCM® SMITH-CORONA MARCHANT
DIVISION OF SCM CORPORATION

MARCHANT

Folder # CA 0124 Rev. Recd 9/69

D. 64/Printing Pubs. Bot

COGITO®

566 PR

ELECTRONIC CALCULATOR

MORE Registers

MORE Memories

MORE Programming

MARCHANT® COGITO 566 PR ELECTRONIC CALCULATOR

(Cogito in Latin means "I Think")

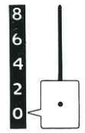
Cogito 566 PR thinks electronically. It calculates all mathematical problems in milliseconds and instantly prints all factors and results on tape. It is a single, desk-top unit which operates from any standard AC outlet. Being electronic, its operations are silent, except when printing. Being electronic, it requires minimal maintenance.

PROGRAM

AUTO

PROGRAMMING

Cogito 566 PR not only thinks, but it can learn. Because it has many characteristics of a computer, you can teach Cogito 566 PR a program involving as many as 66 steps. It will remember your instructions, and solve your problems automatically. When the machine is prepared for programming, the Program key is touched and the calculation is done once, thus instructing Cogito what to print in the automatic mode. To calculate the problem using other values, just enter the figures and touch the Auto key. Your problem is completed automatically. This easy system of programming makes calculations, where only values are changed, as simple as adding.



DECIMAL

Once the Decimal key is touched when entering a number in the keyboard, Cogito 566 PR gives you an answer with the decimal point in the correct spot. You can choose a decimal setting of 0, 2, 4, 6, or 8 places.

×

=

MULTIPLICATION

Cogito 566 PR is a high capacity multiplying calculator. Using only two keys, Times and Equals, your factors and answers are printed decimally correct. For multi-factor multiplication, Cogito 566 PR has continuous operation, carrying products forward to be the multiplier in the next step of a multi-factor problem. Because of this, the 566 PR is ideal for raising a factor to an "X" power. Using only two operational keys, Cogito 566 PR sets a newer, higher standard in multiplication.

÷

=

DIVISION

Cogito 566 PR uses only two keys for all division problems, a Division key and Equals key. The Equals key is the same as that used for multiplication. Like multiplication, your division factors and answers are computed and printed instantly with the decimal in the correct place.

+

−

◇

✱

ADDITION

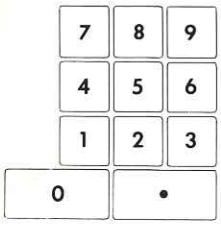
Cogito 566 PR is a very efficient, large capacity adding machine with direct subtraction, credit balance, subtotal, total and non-add. The total capacity is 16 digits. This operates as a storage register for accumulation of figures or a memory to retain a factor.

√

SQUARE ROOT

Cogito 566 PR extracts square roots automatically. With the radicand set in the keyboard or programmed, a touch of the Square Root Key gives the root printed on the tape to the exact decimal place, instantly. Extraction of a square root does not affect any other arithmetic operation and may be carried out after a sum, product or quotient has been printed.

```
        3,0000000 ×
        4,0213500 +
        7,1692007 +
    11,1905508 ✱

    11,1905508   #
    11,1905508 ÷ Z
        9,4100007 +
        3,1400007 −
        6,2700007 ✱

        6,2700007   #
        6,2700007 = S
        5,3543307 ✱

    24,0000008 ×
    14,7230008 √ =
        3,8370568 ✱

        3,8370568   #
        3,8370568 = S
    92,0893448 ✱ −

    86,7350148 ✱ S

    86,7350148   #
    86,7350148   #
    86,7350148   #
    13,2420508 A
        7,9770008 A
    12,0420098 A
    182,7119728 A −
    182,7119728 A
    182,7119728 A
        2,2779258 A
    13,6070008 A
        1,4154158 A
    154,0070478 A −
    154,0070478 A
    154,0070478 A
    154,0070478 ×
        2,3896100 ÷ Z
    789,6000000 =
        4,6608008 ✱

        4,6608008 +
    123,6980008 +
    456,0000000 −
    879,1269008 +
    551,4857008 ✱
```



KEYBOARD MEMORY

Cogito's keyboard memory retains figures, forever eliminating your having to write down an intermediate factor or answer. The last figure printed on the tape is automatically back on the keyboard as though *you* put it there. Your final result is in the keyboard for further use; if you don't need it, it can be ignored.

STORAGE REGISTER

Cogito 566 PR has an additional storage register which automatically accumulates products and quotients positively or negatively. Specially designated on the keyboard for easy operation, the storage register also gives you an additional adding machine in which to work. This storage register is completely independent of other Cogito 566 PR functions. Figures may be transferred from either storage register to the other as required.

MEMORIES

Cogito 566 PR has two separate memory registers for the storage of constant figures. Figures used as constants only have to be entered into the keyboard once. By touching a Memory Recall key, the figure is instantly recalled. Constants are still there, and stay there until something else is put into Memory. A constant can be used as a multiplicand or multiplier, dividend, or divisor, addend, subtrahend or radicand, simply by touching one Memory key.

Since Cogito 566 PR has two memories, you have twice the advantage to store constant figures in the machine for recall in calculations.

REMAINDER MEMORY

Cogito 566 PR gives you a bonus memory which is not visible on the keyboard. It is the Division Remainder Register which will store a third constant for your use in any calculation except division.

```
                1 2 3 4 5 6,7 8 9 0 1 2 ×
                  9 8 7 4,5 6 3 2 1 5 =
1 2 1 9 0 8 1 8 6 7,4 1 9 9 1 1 ✱

                1 2,3 6 4 5 8 0 0 0 ×
                  0,2 3 6 0 4 0 0 0 × Z
                7 8,0 0 1 5 9 0 0 0 × Z
                7 8,9 6 3 2 1 4 7 8 ÷ Z
              6 5 4,1 2 0 0 0 0 0 0 =
              2 7,4 8 1 2 0 8 2 3 ✱

                  2 5,0 6 0 0 0 0 0 ×
                  9 6,1 4 7 6 3 0 =
              2 4 0 9,4 5 9 6 0 8 ✱

              2 4 0 9,4 5 9 6 0 8 √ =
                4 9,0 8 6 2 4 6 ✱

                    0,0 3 5 0   I
                8 9,0 0 0 0 ×
                  0,0 4 2 6 = S
                  3,7 9 1 4 ✱

                2 1,0 0 0 0 ×
                  0,0 5 8 0 = S
                  1,2 1 8 0 ✱

              1 5 3,0 0 0 0 ×
                  0,0 3 5 0 = S
                  5,3 5 5 0 ✱

            1 4 7 8,0 0 0 0 ×
                  0,0 3 5 0 = S
                5 1,7 3 0 0 ✱

              1 4 6,0 0 0 0 + S
                2 6,0 0 0 0 − S
              1 8 2,0 9 4 4 ✱ S
```

SCM Marchant Cogito 566 PR marks the beginning of a new generation of sophisticated calculators designed for easy operation. Its full complement of features makes it a fitting addition to a legacy of outstanding Marchant Calculators, used and respected for over fifty-seven years. Cogito 566 PR is designed to follow in the Marchant tradition of calculators that not only meet present day requirements but are ahead of their time.

SCM® SMITH-CORONA MARCHANT
DIVISION OF SCM CORPORATION
299 PARK AVENUE, NEW YORK, NEW YORK 10017

CA 0124 REV.

Printed in U.S.A.